INTERNATIONAL SEARON REPURT

International Application No
PCT/ 33/00691

a. classification of subject matter IPC 7 A61K38/20 A61P37/00 A61P33/00 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) A61K C07K A61P Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) BIOSIS, EPO-Internal, WPI Data, PAJ, MEDLINE, CHEM ABS Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category ° "Interleukin 21 1-3,6-8, SUTO AKIRA ET AL: X 11-13 prevents antigen-induced IgE production by inhibiting germ line Cepsilon transcription of IL-4-stimulated B cells." BLOOD, [Online] vol. 100, no. 13 1 August 2002 (2002-08-01), pages 4565-4573, XP002270578 ISSN: 0006-4971 Retrieved from the Internet: <URL:http:www.bloodjournal.org/cgi/content</pre> /full/100/13/4565> [retrieved on 2004-02-19] last paragraph in the discussion "it is suggested that il-21 itself or the mimic of il-21 signaling may be useful for the treatment of allergic diseases 4,5,9,10 A -/--Patent family members are listed in annex. Further documents are listed in the continuation of box C. X Special categories of cited documents: "I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance Invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search -3. 03. 2004 17 February 2004 **Authorized officer** Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 MICAEL OWALD / ELY

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PCT/I 13/00691

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